

ABSTRACT OF THE DISCLOSURE

An apparatus and method for controlling a brushless DC motor, which allows an ignition phase current to be ignited in advance by advancing an ignition time of the
5 ignition phase current by a certain time, thus providing a sufficiently increased phase current is provided to the brushless DC motor during an actual phase commutation period. According to the present invention, the insufficiency of a phase current generated during the phase commutation period is compensated for, thus reducing torque ripple of the brushless DC motor occurring at the time of a phase commutation.